**Reference or Query Sequence:**

>Human nontaster receptor TAS2R38

MLTLTRIRTVSYEVRSTFLFISVLEFAVGFLTNAFVFLVNFWDVVKRQALSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAIIMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFSRPHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRNSRDPSLEAHIKALKSLVSFFCFFVISSCVAFISVPLLILWRDKIGVMVCVGIMAACPSGHAAILISGNAKLRRAVMTILLWAQSSLKVRADHKADSRTLC

**Subject Sequences:**

>Human bitter taste receptor TAS2R38

MLTLTRIRTVSYEVRSTFLFISVLEFAVGFLTNAFVFLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAIIMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFSRPHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRNSRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWRDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVMTILLWAQSSLKVRADHKADSRTLC

>Chimpanzee taste receptor TAS2R38

MLTLTRIHTVSYEVRSTFLFISVLEFAVGFLTNAFVFLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAIIMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFSRPHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWRDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHKADSRTLC

> Bonobo taste receptor TAS2R38

MLTLTRIHTVSYEVRSTFLFISVLEFAVGFLTNAFVFLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAINMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFSRPHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWRDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHKADSRTLC

>Gorilla taste receptor T2R38

MLTLTRIRTVSYEVRSTFLFISVLEFAVGFLTNAFVFLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAIIMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGTILCSCICTVLCVWCFFSRPHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYIRDSRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLXILWRDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSXLKVRADHKADSRTPC

>Bornean Orangutan taste receptor T2R38

MLTLTHICAVSYEVRSTFLFISVLEFAVGFLTNAFIFLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAIIMLWIIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFSRPHFTVTTFLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWRNKIGVMVCVGIMAACPSGHAGVLISGNATLRRAVTTILLWAQSSMKVKADHKADSRTLC

>Sumatran Orangutan taste receptor TAS2R38

MLTLTRICAVSYEVRSTFLFISVLEFAVGFLTNAFIFLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAIIMLWIIASQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMPLGIILCSCICTVLCVWCFFSRPHFTVTTFLFMNNNARLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWRNKIGVMVCVGIMAARPSGNAAVLISGNATLRRAVTTILLXAQSSLKVKADHKADSRTLC

>Siamang Money taste receptor TAS2R38

MLTLTRICTVSYEIRSTFLFISVLEFAVGFLTNAFIFLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHXYQAIIMLWMIANKANLWLATCLSLLYCSKLIHFSHTFLICLASWVSRKISQILLGIILCSCICTVLCVWCYFSRPHFTVTTVLFMNNSTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDFRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWRDKIGVMVCVGIMAACPSGHAAILISGNAKLRRAVTTILLWAQSSLKVRADHKADSRTLC

>Rhesus Macaque taste receptor T2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTLC

>Japanese Macaque taste receptor TAS2R38

MLTVTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSIPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTLC

>Olive Baboon taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQVILMLWMIANQANLWLAACLSLLYCSKLIHFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTLC

>Hamadryas Baboon taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQVILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTLC

>Green Monkey taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILGSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTLC

>Pig-Tailed Macaque taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCXSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFAISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTLC

>White-Handed Gibbon taste receptor TAS2R38

MLTLTRICTVSYEVRSTFLFISVLEFAVGFLTNAFIFLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYHAIIMLWMIANQANLWLATCLSLLYCSKLIRSSHTFLICLASWVSRKISQMLLGIILSSCICTVLCVWCYFSRPHFTVTTVLFTNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDFRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWRDKIGAMVCVGIMAACPSGHAAILISGNAKLRRAVTTILLWAQSSLKVRABHKADXRTLC

>Stump-Tailed Macaque taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLHLFYSFLFCYLWSIPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTLC

>Common Marmoset taste receptor TAS2R38

MLTLTSTSTVSYEVKSTFLFISVLEFAVGFLTNGFIFLVNFWDIVKRQPLNNCDRVLLCLSINRLLLHGLLFLSALQLTHFQKMKEPLNRNYQAITMLWMIANQANLWLATCLSLLYCSKLIRFSHTFLICLARWVSRKISQMLLGIIFCSCICTIICVSDFFSRLHFTVTTVLFVNNNTRLNWQITDLNLFYSFLFCYLWSVPPFLLFLVSSWMLTVSLGRHMRTMKVHTRDSRDPSLEAHIKALKSLVSFFCFFVLSFCAALISMPLLFLWRNKIGMMVCVGIMAACPSGHAAILISSNAKLRRAVTTVLLWAQSSLKVRADHKADPRTLC

>White-Lipped Tamarin taste receptor TAS2R38

MLTITSISTVSYEVRSTFLFISVLELAVGFLTNAFIFLVNFWDIVKRQPLNNCDRVLLCLSVNRLFLHGLLFLSALQLTHFQKMKEPLNRSYQAIIMLWMIANQANLWLATCLSLLYCSKLIRFSHTFLIRLARWVSRKISKMLLGIILSSSICTVICVSDFISRLHFTVTTVLFVNNNTRLNWQITDLNLFYSFIFCYLWSVPPFLLFLVSSWMLTVSLGRHMRTMKVHTRDTRDPSLQAHIKALKSLVSFFCFFVMSFCAALISMPLLFLWRNKIGMLVCVGIMAACPSGHAAILISGNAKLRRAVTTVLLWAQSSLKVRADCXADPRTLC

>Brown-Mantled Tamarin taste receptor TAS2R38

MLTLTSISTVSYEVRSTFLFISVLELAVGFLTNAFIFLVNFWDIVKRQPLNNCDRVLLCLSINRLFLHGLLFLSALQLTHFQKMKEPLNRSYQAIIMLWMIANQANLWLATCLSLLYCSKLIRFSHTFLIRLAKWVSRKISQMLLGIILSSSICTVICVSDFISRLHFTVTTVLFVNNNTRHNWQITDLNLFYSFIFCYLWSVPPFLLFLVSSWMLTVSLGRHMRTMKVHTRDTRDPSLQAHIKALKSLVSFFCFFVMSFCAALISMPLLFLWRNKIGVLVCVGIMAACPSGHAAILISGNAKLRRAVTTVLLWAQSSLKVRADCKADPRTLC

>Black-Capped Squirrel Monkey taste receptor TAS2R38

MLTQTSISTVSYEVRSTFLFISVLEFAVGFLTNAFIFLVNFWDIVKRQPLNNCDRVLLCLSISRLFLHGLLFLNALQLTHFQKMKEPLNHSYQAIIMLWMIANQANLWFATCLSLLYCSKLIRFSHTFLICLARWVSRKISHMLLGIILCSCICTIICVWDFFSRLHFTVTTVLFMNNNTRLNWQITDLNLFYSFLVCYMWSIPPFLLFLVTSWMLTVSLGRHMRTMKVHIRDSRDPSLEAHIKALKSLASFFCFFVMSFCAALISVPLLFLRRNKIGVMVCVGIMAACPSGHAAILISSNAKLRRAVTTVLLWAQSNLKVRADHKADPRTLC

>Common Squirrel Monkey taste receptor TAS2R38

MLTQTSISTVSYEVRSTFLFISVLEFAVGFLTNAFIFLVNFWDIVKRQPLNNCDRVLLCLSISRLFLHGLLFLNALQLTHFQKMKEPLNHSYQAIIMLWMIANQANLWFATCLSLLYCSKLIRFSHTFLICLARWVSRKISHMLLGIILCSCICTIICVWDFFSRLHFTVTTVLFMNNNTRLNWQITDLNLFYSFLVCYMWSIPPFLLFLVTSWMLTVSLGRHMRTMKVHIRDSRDPSLEAHIKALKSLASFFCFFVMSFCAALISVPLLFLWRNKIGVMVCVGIMAACPSGHAAILISGNAKLRRAVTTVLLWAQSNLKVRADHKADPRTVC

>Silvered Leaf Monkey taste receptor TAS2R38

EVRSTFLFISVLEFAVGFLTNAFIFLVNFWDIVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYEAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIFLCSCICTVLCVWCFFSRLPFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMKTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVR

>Agile Gibbon taste receptor TAS2R38

EVRSTFLFISVLEFAVGFLTNAFIFLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYHAIIVLWMIANQANLWLATCLSLLYCSKLIRSSHTFLICLASWVSRKICQMLLGIILCSCICTVLCVWCYFSRPHFTVTTVLFTNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDFRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWRDKIGVMVCVGIMAACPSGHAAILISGNAKLRRAVTTILLWAQSSLKVR

>Azaras Night Monkey taste receptor TAS2R38

MLTLTSISTVSYEVRSTFLFISVLEFAVGFLTNAFIFFVNFWDIVKRQPLNNCDLVLLCLSISRLFLHGLLFLSALQLTHFQKIKEPLNHSYQAILMLWMIANQANLWLTTCLSLLYCSKLIRFSHTFLICLARWVSRKISQMLLGIILCSCICTVICVWDFFSRCHFTVTTVLFMNNNTRLNWQITDLNLFYSFLFCYLWSVPPFLLFLVSSWMLTVSLGRHMRTMKVHTRDSRDPSLEAHIKALKSLVSFFCFFVISFCAALISVPLLFLWHNKIGVMVCVGIMAACPSGHAAILISGNAKLRRAVTTVLLWAQSSLKVRADHKADPRTPC

>Drill taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLGAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRNSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTLC

>Allens Swamp Monkey taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQVLLGIILGSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMQVYTRDSCDPSLEAHMKALKSLISFFCFFVISSCAAFISVPLLTLWHDKIGVMVCVGIMAXCPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSTTLC

>Angola Colobus taste receptor TAS2R38

MVTLTHICTVSYEVRSTFLFISVLEFAVGFLTNGFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFXHTFLICLASWVSRKISQMLLGIFLCSCICTVLCVWCFFSRLPFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMTVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAILISGNAKLRRAVTTILLWAQSSLKVRADHMADSKTLC

>King Colobus taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNGFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIFLCSCICTVLCVWCFXSRLPFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSMTLC

> Black-and-White Colobus taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNGFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIFLCSCICTVLCVWCFLSRLPFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSMTLC

> Proboscis Monkey taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFIFLVNFWDIVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYEAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIFLCSCICTVLCVWCFFSRLHFTVTTVLFMNNNTRLNRQIKDLNLFYSFLFCCLWSVPPFLLFLVSSGMMTVSLGRHMRTMKVYTRDSRDPSLEAHMKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSKTLC

> Lesser Spot-Nosed Monkey taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLSHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILGSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHXRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTNILLWAQSSLKVRADHMADSRTLC

> Celebes Crested Macaque taste receptor TAS2R38

MLTLTHICTVSSEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLANWVSRKISQMLLGIILCSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFAISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTPC

> Golden Snub-Nosed Monkey taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFIFLVNFWDIVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYEAILMLWMIANQANLWLATCLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIFLCSCICTVLCVWCFFSRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCCLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHMKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAESSLKVRADHMADSKTLC

> Francois Leaf Monkey taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFIFLVNFWDIVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYEAILVLWMIANQANLWLATCLSLLYCSKLIRFSHTFLIHLASWVSRKISQMLLGIFLCSCICTVLCVWCFFSRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSKTLC

> Red-Tailed Monkey taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLSHSYQAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILXSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTNILLWAQSSLKVRADHMADSRTLC

> Wolfs Mona Monkey taste receptor TAS2R38

MLTLTHSCTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPXSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCSKLIXFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTISLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTLC

> Northern Plains Gray Langur taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFIFLVNFWDIVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYEAILMLWMIANQANLWLAACLSLLYCSKLIRFSHTFLIXLASWVSRKISQMLLGIFLCSCICTVLCVWCFFSRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHXRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSKTLC

> White-Cheeked Gibbon taste receptor TAS2R38

MLTLTRICTVSYEIRNTFLFISVLEFAVGFLTNAFIFLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNRSYQAIIMLWMIANQANLWLATCLSLLYCSKLIRFSHTFLICLASWVSRKISQMLLGIILCSCICTVLCVWCYFSRPHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDFRDPSLEAHIKALKSLVSFFCFFVISSCAAFISVPLLILWRDKIGVMVCVGIMAACPSGHAAILISGNAKLRRAVTTILLWAQSSLKVRADHKADSRTLC

> Grivet taste receptor TAS2R38

MLTLTHICTVSYEVRSTFLFISVLEFAVGFLTNAFISLVNFWDVVKRQPLSNSDCVLLCLSISRLFLHGLLFLSAIQLTHFQKLSEPLNHSYQAILMLWMIANQANLWLAACLSLLYCXKLIRFSHTFLICLASWVSRKISQMLLGIILGSCICTVLCVWCFFGRLHFTVTTVLFMNNNTRLNWQIKDLNLFYSFLFCYLWSVPPFLLFLVSSGMLTVSLGRHMRTMKVYTRDSRDPSLEAHIKALKSLISFFCFFVISSCAAFISVPLLILWHDKIGVMVCVGIMAACPSGHAAVLISGNAKLRRAVTTILLWAQSSLKVRADHMADSRTLC